

Electronic Acknowledgement Receipt

EFS ID:	2647979
Application Number:	10743722
International Application Number:	
Confirmation Number:	8315
Title of Invention:	Method and system for video encoding using a variable number of B frames
First Named Inventor/Applicant Name:	Adriana Dumitras
Customer Number:	23838
Filer:	Wesley W. Jones/jin li
Filer Authorized By:	Wesley W. Jones
Attorney Docket Number:	13316-3276
Receipt Date:	28-DEC-2007
Filing Date:	24-DEC-2003
Time Stamp:	16:15:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	1204
Deposit Account	110600
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	
Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part/.zip	Pages (if appl.)
1	Information Disclosure Statement Letter	3276Statement.pdf	73102 a354ce9cb764bd722f80438379d63eba c8684766	no	3

Warnings:**Information:**

2	Information Disclosure Statement Letter	3276Ref.pdf	105582 7a61d6a58541850c7bf011eb718c3470 894e8043	no	2
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Warnings:**Information:**

3	NPL Documents	30Rate-distortion-optimized.pdf	2887724 b9f8eee32eb3108609f7cd9260f6cda8c 5ad4f11	no	10
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Warnings:**Information:**

4	NPL Documents	31Rate-constrained-multihypothesis.pdf	3754796 dd6d3c9ae3b68467c413e3bcf3485de2 54cb5ed7	no	13
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Warnings:**Information:**

5	NPL Documents	32Generalized-B-pictures.pdf	3236814 13077194d253567b2244b7149aeb02 c992cf498	no	12
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Warnings:**Information:**

6	NPL Documents	33H264-AVC.pdf	3470110 2ec9216e3fc4ae0effebc91c47a6ef8b31 13d9e5	no	12
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Warnings:**Information:**

7	NPL Documents	34Low-delay-rate.pdf	3437678 26ff9488d34odba2d2be1c0f227be787 1b7b7b6	no	13
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Warnings:**Information:**

8	NPL Documents	35Optimum-bit-allocation.pdf	2601578 cf4529482b7366cc709e93c2ee5f44951 1d550b6	no	10
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Warnings:**Information:**

9	NPL Documents	36A-unified-rate-distortion.pdf	4242047 4e4a8bc203eb63874963cf932ec28ee3 3a12c5cf	no	16
Warnings:					
Information:					
10	NPL Documents	37Classification-based-mode.pdf	3994632 7f3435239a0f88cd3f9f9e330342d9c92 6e329a4	no	33
Warnings:					
Information:					
11	NPL Documents	38Temporally-adaptive-motion.pdf	4151099 4c344a66279ec4604b7a48369cee4c95 aa60d230	no	14
Warnings:					
Information:					
12	NPL Documents	39Scene-context-dependent.pdf	3381547 7dee41093391eddb9e9d4237feb2c067 ece013b6	no	12
Warnings:					
Information:					
13	NPL Documents	40Implementing-dynamic-GOP.pdf	1160066 ede1fa99e054314593d18c1f9b06c3b7f e3823bc	no	4
Warnings:					
Information:					
14	NPL Documents	41I-P-B-frame-type.pdf	1241150 a44cf84649d3464462369ec17481fb5f c98bd59	no	4
Warnings:					
Information:					
15	NPL Documents	42Scene-adaptive-motion.pdf	2850445 51c86c64655c2199bf45935048d2a17 769cf676	no	12
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16	NPL Documents	43Shot-boundary-detection.pdf	4454617 9e6d92308da95360810bffb856161d10 0d5f295d	no	16
Warnings:					
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17	NPL Documents	44A-robust-scene-change.pdf	2073335 b6997c1574ec1801ec31486ef6ba2fba 9002c16a	no	8
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18	NPL Documents	45Cut-detection-in.pdf	944109 f8e0a50e14709d5c729c9b5a9e41812c d1d7db0b	no	3
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19	NPL Documents	46Performance-characterization-of.pdf	4039856 05e3c1cbd16d1684879553e5a6c4a7b d1c03a5c	no	14
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20	NPL Documents	47Metrics-for-shot.pdf	2240172 314456c6e7d1e5b09e007fc8b0ed88a9 d2120539	no	10
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21	NPL Documents	48Rapid-scene-analysis.pdf	3910031 4bcb2be53e73628c0a46be1be90333e 30a70693c	no	13
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22	NPL Documents	49Video-parsing-and.pdf	6135968 8257d064110ab6c67a9714ee8a53896b f53eef6	no	25
Warnings:					
Information:					
23	NPL Documents	50Automatic-determination-of.pdf	1007260 d49ace32d6cac6e566fa60d0a87b1c88d 810f13f5	no	5
Warnings:					
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24	NPL Documents	51Shot-detection-in.pdf	1006341 999570ea6978e81c16d0a2ee48f32e06 ff9b21b	no	4
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Information:					
25	NPL Documents	52Scene-change-detection.pdf	3508535 69e750947c5a103836cf854bc7bca356 9e340de2	no	15
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Information:					
26	NPL Documents	53Multidimensional-comparison-of.pdf	976280 8054492df0d1d578200594d58ef4e661 c00694f1	no	4
Warnings:					
Information:					

27	Fee Worksheet (PTO-06)	fee-info.pdf	30061 769380a49c92bc8e06d1c1dfb5959d22 73810ce5	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			70914935		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p>New Applications Under 35 U.S.C. 111 If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p>National Stage of an International Application under 35 U.S.C. 371 If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p>New International Application Filed with the USPTO as a Receiving Office If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					